

Responses

Thank you for your careful corrections. I still have only one minor point. I think "high sea ice bias" in your new sentence "While a high sea ice bias is often associated with a high salinity bias in regions where sea ice forms, the low salinity bias simulated in the North Atlantic is associated with enhanced stratification, preventing convection and vertical mixing of heat, possibly driving the high bias in sea ice", should be better qualified as "high sea ice volume bias" or should be replaced by "excessive sea ice" . Note also that the period (full stop) punctuation mark is missing at the end of the sentence.

Thank you for raising this issue. We have corrected the text to:

While excessive sea ice is often associated with a high salinity bias in regions where sea ice forms, the low salinity bias simulated in the North Atlantic is associated with enhanced stratification, preventing convection and vertical mixing of heat, possibly causing the excessive sea ice.